

# SYX 9000

# LASER YAG

## Features:

- CE Mark approved according to MDD
- Compact and light-weight for portability
- Excellent Quality Optics for clear image and good laser delivery
- Full Slit-lamp functions including 5 step magnification changer
- Longer focal length for deep set eyes
- Micro processor controlled with many built in safety features
- CQ-YAG Crystal Laser Q-Switch for reliability
- Anterior and Posterior YAG Laser Offset of 500 Microns



## Optional Accessories:

- Ophthalmic Laser Lenses
- Motorized stand and table ( C-Type or T-Type)
- Beam Splitter and Observation Tube
- Camera and Video Adapters



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## Specification

• Treatment Laser Type:	Nd:YAG
• Wavelength:	1064nm
• Mode:	Fundamental Q-switched
• Energy:	Continuously adjustable from 0.2 to 10 mj
• Spot Size	8 microns
• Burst Mode:	1,2,3,pulses each burst. Separation between pulse is 25 µs
• Pulse Width:	4 nano-sec ( typical )
• Repetition Rate:	Maximum 0.4s per pulse or 2.5Hz
• YAG Laser Offset Shift:	Continuously adjustable of up to 500µm both anterior and posterior around Aiming Focal Plane.
• Focal Length:	107mm
• Cone Angle:	16 Degrees
• Magnification:	5 step
• Slit-lamp	Leica Lce1200
• Aiming Beam Laser:	Dual beam 635 nm diode continuously variable intensity to 200 µW
• Electrical Power:	100V - 240V AC, 50 / 60 Hz
• Cooling System:	Air Convection.
• Dimensions (total):	520mm(H) X 340mm(W) X 450mm(D)
• Weight:	21kgms



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